



478.1077

IP

**UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of: David MORTON, et al.  
Serial No.: 10/571,184  
Filed: March 9, 2006  
For: **MUCOACTIVE AGENTS FOR TREATING A  
PULMONARY DISEASE**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 12, 2006

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicants hereby make of record the documents listed on the accompanying Form PTO-1449 (2 sheets) for consideration by the Examiner in connection with the above-identified patent application.

In accordance with 37 C.F.R. § 1.98(a)(2), copies of the foreign patents are enclosed. If it is determined that any of these references are not enclosed, the Examiner is requested to contact the undersigned so that a copy can be provided.

The references listed on Sheet 1 of the enclosed Form PTO-1449 were cited in the International Search Report issued in International Application No. PCT/GB2004/003932. A copy of the Search Report is enclosed as Appendix A.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97 (b), before the mailing of a first Office Action on the merits. Accordingly, it is believed that no fee is due. In the event any additional fee is due or any overpayment made in connection with the filing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge said deficiency or credit overpayment to our Deposit Account No. 50-0552.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By: 

Cary S. Kappel  
Reg. No. 36,561

DAVIDSON, DAVIDSON, & KAPPEL, LLC  
485 Seventh Avenue, 14<sup>th</sup> Floor  
New York, New York 10018  
(212) 736-1940

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 478.1077US		SERIAL NO.: To Be Assigned	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): David MORTON, et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

  

U.S. PATENT DOCUMENTS																
*EXAMINER INITIAL	AA	AB	AC	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

  

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	AD	94	0	0	2	1	0	7	02/03/1994	WO	A61K				
	AE	98	0	0	4	1	3	3	02/05/1998	WO	A01N	43/16			
	AF	99	0	0	6	0	2	5	02/11/1999	WO	A61K	9/12			
	AG	01	0	1	5	6	7	2	03/08/2001	WO	A61K	31/00			
	AH	03	0	6	8	1	8	7	08/21/2003	WO	A61K	9/12			
	AI	03	0	6	8	1	8	8	08/21/2003	WO	A61K	9/12			
	AJ	03	0	6	8	2	5	4	08/21/2003	WO	A61K	38/46			

  

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
AK	Lee, M. M., et al. "Effect of low molecular weight (MW) heparin on the elasticity of dog mucus" Clinical and Investigative Medicine No. Suppl., 1998, page S102 XP009039322
AL	Lee, M. M., et al. "Mucociliary Clearance Increase Due to Low Molecular Weight (LMW) Heparin" Pediatr. Pulmonol, No. S17, 1998, page 386 XP000903996
AM	
AN	
AO	
AP	

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; transform: rotate(-15deg);">           APR 17 2006            PATENT &amp; TRADEMARK OFFICE         </div>		ATTY. DOCKET NO.: 478.1077US		SERIAL NO.: To Be Assigned	
LIST OF PRIOR ART CITED BY APPLICANT  (Use several sheets if necessary)				APPLICANT(S): David MORTON, et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

  

U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5	8	5	1	4	5	3	12/22/1998	Hanna, et al.	264	5		
	BB	6	2	5	7	2	3	3	07/10/2001	Burr, et al.	128	203.15		
	BC													

  

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO												
	BD	2	3	2	2	3	2	6	08/26/1998	Great Britain	B01J	2/04			
	BE	2	3	5	3	2	2	2	02/21/2001	Great Britain	A61M	15/00			
	BF	95	0	0	1	2	2	1	01/12/1995	WO	B01J	2/04			
	BG	95	0	0	1	3	2	4	01/12/1995	WO	C07C	215/60			
	BH	96	0	0	0	6	1	0	01/11/1996	WO	B01J	2/04			
	BI	96	0	2	3	4	8	5	08/08/1996	WO	A61K	9/00			
	BJ	97	0	0	3	6	4	9	02/06/1997	WO	A61K	9/00			
	BK	99	0	0	1	1	4	1	01/14/1999	WO	A61K	31/715			
	BL	01	0	0	0	2	6	2	01/04/2001	WO	A61M	15/00			
	BM	02	0	4	3	7	0	1	06/06/2002	WO	A61K	9/14			

  

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BN	
	BO	
	BP	

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.